





Begin forwarded message:

**From:** "LEE, LILY" <[LEE.LILY@EPA.GOV](mailto:LEE.LILY@EPA.GOV)>  
**To:** "Terry, Robert" <[Terry.Robert@epa.gov](mailto:Terry.Robert@epa.gov)>  
**Cc:** "Chesnutt, John" <[Chesnutt.John@epa.gov](mailto:Chesnutt.John@epa.gov)>  
**Subject:** FW: Do any of these attached contain documentation re original release criteria or of Ra-226 or Th-232 background levels?

Dear Rob,

Thank you for meeting with me yesterday. Last Monday when we talked, you had said that you were looking through the documents I had given you and would give me a reportback on findings. Yesterday you stated that you had not gone through the documents because you didn't know what information to look for. I am resending you this email to remind you of what information to look for. I also printed this out hard copy and put it on your desk yesterday. I also gave you the CD with Steve Dean's Lotus Notes files. Requests for this information came in over a month ago. It would be helpful to have your research soon. As a reminder, I sent you these and several other emails with files to search. I will send those to you again as well. In addition, I gave you a box of hard copy materials. I hope some of them will have CD versions, but I haven't checked. How long do you think it will take to look through these documents for the 3 issues below? Whenever you are done, if these methods don't work, please let me know so that I can try another approach, e.g. asking Claire Trombodore to go through her old emails.

This morning I will be at the Shipyard for a BCT mtg, and I know you're out this afternoon. But please call me next Mon or any time next week if you want to talk more.

Thanks!

- Lily

Lily Lee

Cleanup Project Manager

Superfund Division

U.S. Environmental Protection Agency, Region 9

75 Hawthorne St. (SFD-8-3)

San Francisco, CA 94105

Tel: 415-947-4187, Fax: 415-947-3518

[www.epa.gov/region9/superfund](http://www.epa.gov/region9/superfund)

**From:** LEE, LILY

**Sent:** Wednesday, April 27, 2016 8:21 AM

**To:** Terry, Robert <[Terry.Robert@epa.gov](mailto:Terry.Robert@epa.gov)>

**Cc:** Chesnutt, John <[Chesnutt.John@epa.gov](mailto:Chesnutt.John@epa.gov)>

**Subject:** Do any of these attached contain documentation re original release criteria or of Ra-226 or Th-232 background levels?

Dear Rob,

Dan Hirsch asked the following:

1. Documentation re original release criteria & calculations using the then-current

version of EPA PRG Calculator, including what risk level that represents

2. “The Hunters Point documents we have been reviewing indicate a remediation level for radium-226 of 1 pCi/g above background, not to exceed 2 pCi/g, “per agreement with EPA.” Could you send me documentation of that EPA agreement and its basis, and any risk assessment that was performed at the time of the risk associated with that level of radium? Also, I am having trouble locating the value being employed for radium background—could you let me know what value is being used and where I can find the source for it?”

We are interested in Thorium background levels.

Mark Ripperda thought these documents might contain information relevant to these questions. Could you please review these documents to see if they have information that addresses these questions? I’d appreciate it!

- Lily

Lily Lee

Cleanup Project Manager

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**From:** ELATTAR, SARA

**Sent:** Thursday, April 21, 2016 8:42 AM

**To:** LEE, LILY <[LEE.LILY@EPA.GOV](mailto:LEE.LILY@EPA.GOV)>  
**Cc:** HSG Circulation <[circulation@herndon-group.com](mailto:circulation@herndon-group.com)>  
**Subject:** RE: Could I get these documents?

Good morning Lily,

No problem at all, I am glad to help out.

I have created DRF (Document Request form) on your behalf. Please see below:

	Requester	Doc Request #	Site Name	Submitted	Due Date	Status	Released	Request Type
<a href="#">Notes</a> <a href="#">Link</a>	LEE, L.	90421-0820	TREASURE ISLAND NAVAL STN HUNTERS PT AN	04/21/2016	04/27/2016	In Process	No	(Not Entered)

As for the requested documents, 9 documents were found in PDF formate in SEMS. I will attach them within this email. Please see attachment.

The rest of the documents (2054332, 88184149, 2099768, 156344, 2054389, 2054392, 2089669, and 2089668) are located at the FRC and I have requested for their retrieval. Please note it can take from 3 to 4 days to arrive to the Records center,

You will be notified immediately of their arrival.

Please feel free to request as many documents as necessary! ☺

Let me know if you need additional assistance.

Best,

Sara Elattar

Document Specialist

U.S. EPA R9 Regional Records Center

(415) 947-8717

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**From:** LEE, LILY

**Sent:** Wednesday, April 20, 2016 9:35 PM

**To:** ELATTAR, SARA <[Elattar.Sara@epa.gov](mailto:Elattar.Sara@epa.gov)>

**Subject:** Could I get these documents?

Dear Sara

I'm so sorry to ask for so many this time. Could I please get these? I appreciate it!

- Lily

Lily Lee

Cleanup Project Manager

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**From:** Ripperda, Mark

**Sent:** Wednesday, April 20, 2016 11:38 AM

**To:** LEE, LILY <[LEE.LILY@EPA.GOV](mailto:LEE.LILY@EPA.GOV)>

**Subject:** RE: Got 2 of these 2153266, 2229254, and 2232762

The missing cleanup goal information is between the 2001 Action Memo which sets a cleanup goal of 5pCi/g above background and the 2006 Action Memo which sets 1 pCi/g above background, per communication with EPA. So here's a list of what I see that might contain it (I'm guessing that the last three in the list have the best chance of documenting the agreement):

2054332	4/12/2001	Memo: Comments on radiological investigation & confirmation surveys conducted on 3/19/01, w/attchs (radiation)	Steve Dean / Environmental Protection Agency - Region 9
88184149	4/12/2001	Memo: Bldg 364 radiological contamination removal actions	Steve Dean / Environmental Protection Agency -

		(radiation)	Region 9	
2099768	6/6/2002	Ltr: Comments on Historical radiological assessment, v2 - use of general radioactive materials, 1939-2002 (3/29/02), w/TL to K Forman fr C Trombadore 6/6/02	Environmental Protection Agency - Region 9	
156344	3/28/2003	Radiological scanner van survey (9/9/02-9/12/02), w/TL (radiation)	Environmental Protection Agency - Radiation & Indoor Environments National Laboratory	
2126455	5/19/2003	EPA responses to comments on draft historical radiological assessment, v 2, w/TL fr C Trombadore to K Forman	Environmental Protection Agency - Region 9	
2226304	4/27/2004	Ltr: Transmits comments fr EPA & EPA contractor on draft final historical radiological assessment, v2, dated 2/04, w/attchs	Michael Work / Environmental Protection Agency - Region 9	
2227348	11/16/2004	Comments on final historical radiological assessment & comments on response to comments on draft final historical radiological assessment, history of use of general radioactive materials (1939-2003) w/TL fr M Work to K Forman	Environmental Protection Agency - Region 9	
2216003	2/16/2005	Basewide radiological workplan, w/apps A-B & w/o fig 2-1	Tetra Tech F W, Inc   M K M Engineers, Inc   New World Environmental, Inc	
2054389	2/18/2005	Workplan, removal action design & implementation, metal debris reef & metal slag areas, parcels E & E-2, draft, w/TLs, instruction sheet, & replacement pages (radiation)	Tetra Tech F W, Inc	
2140350	2/22/2005	Mtg Agenda & Notes: BRAC Cleanup Team (BCT) mtg, w/attchs	Tetra Tech, Inc	
2054392	2/25/2005	Project workplan, PCB hot spot soil excavation site, parcels E & E-2, draft, w/TL fr K Forman to M Work (radiation)	Tetra Tech F W, Inc	
2232765	3/7/2005	Email: Questions about basewide radiological workplan, w/history	Michael Work / Environmental Protection Agency - Region 9	Steve Dean / Environmental Protection Agency - Region 9



2232718			US Navy - Base Realignment & Closure Program Management Office
	4/6/2005	Mtg Handout: Radiological program overview mtg (4/6/05), w/marginalia	
2226257	4/13/2005	Ltr: Concerns re project workplan, radiological time-critical removal action, IR-02 northwest & central, parcel E, dated 3/9/05, w/TL fr I Balkissoon to J Ricks	James Ricks / Environmental Protection Agency - Region 9
2232748	4/14/2005	Ltr: Comments on draft removal action design & implementation workplan, metal debris reef & metal slag areas, parcels E & E-2, dated 2/05, w/TL fr J Ricks to P Brooks	Environmental Protection Agency - Region 9
2089669	2/14/2006	Draft final project workplan, base- wide storm drain & sanitary sewer removal, w/TL to J Ricks fr K Forman 2/13/06	Tetra Tech E C, Inc
2089668	2/14/2006	Draft final parcel B design plan, storm drain & sanitary sewer removal, w/TL to J Ricks fr K Forman 2/13/06	Tetra Tech E C, Inc